

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO:

ATTY DOCKET NO.
DON01 P-946

APPLICATION NO.

APPLICANT
KENNETH SCHOFIELD, ET AL.

FILING DATE

GROUP

2872

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WS	3,601,614	8/71	Platzer, Jr.	250	214	
	3,612,666	10/71	Rabinow	359	604	
	3,665,224	5/72	Kelsey	307	311	
	3,680,951	8/72	Jordan	359	606	
	3,746,430	7/73	Brean	359	604	
	3,807,832	4/74	Castellion	359	267	
	3,811,046	5/74	Levick	250	206	
	3,813,540	5/74	Albrecht	250	214	

FOREIGN PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
WS	0,426,503	5/91	Europe			
	0,492,591	7/92	Europe			
	2,513,198	3/83	France			
	2,133,182	1/73	Germany			
	2,808,260	8/79	Germany			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

S/KDEL

DATE CONSIDERED

9/28/02

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Sheet 1 of 9

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
wp	3,862,798	1/75	Hopkins	359	38	
	3,962,600	6/76	Pittman	315	158	
	3,986,022	10/76	Hyatt	250	203	
	4,161,653	7/79	Bedini	250	215	
	4,200,361	4/80	Malvano	359	38	
	4,249,160	2/81	Chilvers	340	902	
	4,266,856	5/81	Wainwright	359	606	
✓	4,281,898	8/81	Ochiai	340	606	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
wp	3,041,612	11/80	Germany	 		
	3,041,612	5/81	Germany	 		
	4,118,208	11/91	Germany	 		
	5,630,305	8/79	Japan	 		
✓	57-173801	10/82	Japan	 		

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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Sheet 2 of 9

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
us	4,443,057	4/84	Bauer	359	606	
	4,491,390	1/85	Tong-Shen	359	39	
	4,512,637	4/85	Ballmer	359	275	
	4,529,275	7/85	Ballmer	359	265	
	4,529,873	7/85	Ballmer	250	201	
	4,572,619	2/86	Reininger	359	254	
	4,580,875	4/86	Bechtel	359	604	
✓	4,603,946	8/86	Kato	359	38	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
57-208530	12/82	Japan			
57-208531	12/82	Japan			
58-19941	12/82	Japan			
61-56638	4/86	Japan			
61-54942	4/86	Japan			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
mf	4,614,415	9/86	Hyatt	354	354	
	4,623,222	11/86	Itoh	359	38	
	4,629,941	12/86	Ellis	315	153	
	4,632,509	12/86	Ohmi	359	38	
	4,669,825	6/87	Itoh	359	38	
	4,669,826	6/87	Itoh	359	604	
	4,671,615	6/87	Fukada	359	38	
	4,672,457	6/87	Hyatt	348	761	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
3,284,413	12/91	Japan			
417,386	4/92	Japan			
1,535,182	12/78	UK			
2,029,343	3/80	UK			
2,119,087	11/83	UK			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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Sheet 4 of 9

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ms	4,676,601	6/87	Itoh	358	38	
	4,690,508	9/87	Jacob	359	38	
	4,697,883	10/87	Suzuki	359	604	
	4,701,022	10/87	Jacob	359	603	
	4,727,290	2/88	Smith	315	82	
	4,741,603	5/88	Miyagi	359	270	
	4,793,690	12/88	Gahan	359	604	
✓	4,820,933	4/89	Hong	307	10.1	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
ms	2,137,373	10/84	UK			
	2,156,295	10/85	UK			
	59-51325	4/84	Japan			
	59-51301	4/84	Japan			
✓	60-212730	10/85	Japan			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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29/975,232

APPLICANT

KENNETH SCHOFIELD, ET AL.

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10/11/02

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
mf		4,838,650	6/89	Stewart	359	604	
		4,886,960	12/89	Molyneux	250	206	
		4,896,030	1/90	Miyaji	250	206	
		4,916,374	4/90	Schierbeek	318	483	
		4,917,477	4/90	Bechtel	359	267	
		4,956,591	9/90	Schierbeek	318	483	
		4,991,054	2/91	Walters	361	165	
		5,012,082	4/91	Watanabe	250	208	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
mf		60-166651	11/85	Japan			

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S. K. D. GIL

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U.S. PATENT DOCUMENTS

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my	5,055,668	10/91	French	250	208	
	5,064,274	11/91	Alten	359	604	
	5,148,014	9/92	Lynam	359	602	
	5,168,378	12/92	Black	359	38	
	5,193,029	3/93	Schofield	359	604	
	5,204,778	4/93	Bechtel	359	604	
	5,550,677	8/96	Schofield	359	604	
↓	5,253,109	10/93	O'Farrell	359	604	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
48506	6/85	Europe			
48810	10/88	Europe			

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NT	5,537,003	7/98	Bechtel	315	82	
	3,708,231	1/73	Walters	356	149	
	5,760,962	6/98	Schofield et al.	359	604	
	5,877,897	3/99	Schofield et al.	359	604	
	4,974,078	11/90	Tsai	358	133	
	5,848,802	12/98	Breed et al.	280	735	
	5,416,318	5/95	Hegyí	250	226	
N	5,796,094	8/98	Schofield et al.	250	208.1	

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FORM PTO-1449 U. S. DEPARTMENT OF COMMERCE
(Rev. 2-32) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
DON01 P-946

SERIAL NO.

09/925,232

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANTS: Kenneth Schofield et al.

(Use several sheets if necessary)

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U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
ref	6 0 9 7 0 2 3	08/2000	Schofield et al.	250	208.1	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION
						Y N

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
ref.	Commonly assigned co-pending U.S. application Ser. No. 09/599,979, filed Jun. 22, 2000, entitled VEHICLE RAIN SENSOR USING IMAGING SENSOR (DON01 P-816).

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